

Title (en)  
Canned motor with foil can

Title (de)  
Spaltrohrmotor mit Folienspaltrohr

Title (fr)  
Moteur à manchon d'entrefer en feuille

Publication  
**EP 1158175 B1 20080213 (DE)**

Application  
**EP 01111736 A 20010515**

Priority  
DE 10025190 A 20000520

Abstract (en)  
[origin: EP1158175A2] The electric motor (1) has a separation sleeve provided by a liquid impervious foil (16), acting as a wet rotor which separates the rotor (10), attached to the motor shaft (4), from the stator (11), secured to the motor housing (2). The foil is held by a number of support elements (15), incorporating at least 2 clamp elements (18) between which the foil is tensioned.

IPC 8 full level  
**H02K 5/128** (2006.01); **F04D 13/06** (2006.01)

CPC (source: EP)  
**F04D 13/0626** (2013.01); **F04D 13/0633** (2013.01); **F04D 13/064** (2013.01)

Citation (examination)

- DE 3636404 A1 19880428 - RICHTER CHEMIE TECHNIK GMBH [DE]
- BROCKHAUS F.A.: "Der Brockhaus - Naturwissenschaft und Technik - Band 1: A bis Gd", F. A. BROCKHAUS - SPEKTRUM AKADEMISCHER VERLAG, MANNHEIM - LEIPZIG
- BERTELSMANN: "Wörterbuch des deutschen Sprache - 2004"

Cited by  
EP1383227A3; DE102015225189A1; CN105849414A; US8110958B2; US10180142B2; WO2011131251A1; WO2015086099A1; WO2021219449A1

Designated contracting state (EPC)  
DE FR GB IT

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**EP 1158175 A2 20011128; EP 1158175 A3 20050427; EP 1158175 B1 20080213**; DE 10025190 A1 20011206; DE 50113576 D1 20080327

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